Elko, Nevada 89801-4672

Elko Office: 4780 E. Idaho Street

(775) 738-8076

Fax (775) 738-2639



Las Vegas Office: 2300 McLeod Street Las Vegas, Nevada 89104-4314 (702) 486-4690 Fax (702) 486-4695

DEPARTMENT OF AGRICULTURE

405 South 21st Street Sparks, Nevada 89431

Telephone (775) 353-3600 • Fax (775) 353-3661

Website: http://www.agri.nv.gov

RECEIVED

OCT 0 9 2009

ENVIRONMENTAL PROTECTION

Greg Lovato
Bureau of Corrective Actions
NDEP
901 S. Stewart St.
Carson City, NV 89701

Dear Mr. Lovato:

October 7, 2009

Analytical reports for ground water samples collected from wells in Antelope Valley are attached. A total of six wells were sampled, five domestic and one agricultural. One sample duplicate was also collected.

Item number 1, located in the upper right of each report is the sample number. Seven water samples were split and sample numbers ending in "A" were analyzed by the Nevada Department of Agriculture pesticide lab. Sample numbers ending in "B" were submitted to Alpha Analytical, Inc. in Reno, Nevada.

Each laboratory tested water samples for a total of 94 different pesticide compounds. A list of compounds along with detection limits is attached at the end of each report. As we discussed, no pesticides were detected in any of the water samples.

Also included is a summary of field notes including GPS locations.

If you have any questions please feel free to call me any time.

Sincerely,

Jøn Carpenter

Environmental Scientist II

Nevada Department of Agriculture

(775) 353-3715

jcarp@agri.state.nv.us

Attachments

- NDOA report of analysis (7)
 NDOA compound and detection limit list (1)
- Alpha Analytical report of analysis (7)
 Alpha Analytical compound and detection limit list (7)
- Field note summary



WASHINGTON, DC 20460

REPORT OF ANALYSIS

١.	S	AΜ	PLE	N	0.		
09	91	50	92	10	90	101	Α

101A

2. DATE COLLECTED 09/15/09

3. REGION

09/NV

4. EPA REG. NO.

5. ESTABLISHMENT NO.

			<u> </u>		
6. DESCRIPTION O Domestic well wa	F SAMPLE iter sample colle	cted into 1L amber glass jar subm	nitted to NDOA	pesticide lab	
		LISHMENT WHERE SAMPLE WAS C		8. PRODUCT NAME Domestic Well Water	
	Mr. Dennis Dennis Jan	Jamason nason Farm - Antelope Va	alley NV		
ļ	P.O. Box 8 Floriston, C	5	-		9. LOT OR CODE NUMBER(\$)
10. NAME AND AD	DRESS OF PROD	OUCER (If different from 7 above)(Inclu	ıde ZIP code)		
11. RESULTS OF A	NALYSIS				
Analyst:	C.L.Ritland (N	IDOA)	Da	te of Analysis	9/24/2009
<u>Analy</u>	<u>/te</u>	<u>Method c</u>	of Analysis		Found(µg/L)
Pesticide S	creen	NSDA - PST - AN	1 - 003, HPL	.C-DAD	ND
This sample ug/L = Parts	was analyz per billion	ed and found to contain n	o detectabl	e pesticides.	See attached analyte list.
collected in conne agent in charge of The information c	ection with the entitle the establishment contained in this re	Fungicide, and Rodenticide Act, as a forcement of the Act, a copy of the real where the sample was collected. The eport should not be used in the labeling stalts of analysis may be obtained from	esults of such and is section of the angle, advertising, o	Act is quoted on the	
NAME AND TITLE				REGIONAL OFFICE	
Christophe	∍r J. Mason,	Ph.D., Lab Supervisor			tment of Agriculture tol Hill Avenue
PHONE NUMBER (775)688		DATE 10/5-/09		evada 89502	



WASHINGTON, DC 20460

REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090201A

3. REGION

09/NV

09/15/09

4. EPA REG. NO.

2. DATE COLLECTED

5. ESTABLISHMENT NO.

6. DESCRIPTION OF SAMPLE

Domestic well water sample collected into 1L amber glass jar submitted to NDOA pesticide lab.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

Mr. Dennis Jamason Dennis Jamason Farm - Antelope Valley NV P.O. Box 85

Floriston, CA 96111

8. PRODUCT NAME

Domestic Well Water

Ag

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst: C.L.Ritland (NDOA)

Date of Analysis: 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Pesticide Screen

NSDA - PST - AM - 003, HPLC-DAD

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list. ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

The information contained in this report should not be used in the labeling, advertising, or other promotion of the product analyzed.

Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

PHONE NUMBER

(775)688-1180

DATE

10/5/09

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture 350 Capitol Hill Avenue Reno Nevada 89502



WASHINGTON, DC 20460

REPORT OF ANALYSIS

1.	SA	١M١	PLE	N	O.		
09	91	50	92	10	90	301	ŀ

3. REGION

09/NV

5. ESTABLISHMENT NO.

09/15/09

2. DATE COLLECTED 4. EPA REG. NO.

6. DESCRIPTION OF SAMPLE	
Domestic well water sample from Bakker residence collected in	ato 11, ambor alose iar submitted to NDOA pesticide lab
i Domestic Well Water samble from Bakker fesigefice collected i	nto it attibet diass far subtilitied to MDOA pesticide fab.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

8. PRODUCT NAME

Domestic Well Water

Ms. Melissa Bakker Bakker Hay Service Antelope Valley NV HC 61 Box 195 Battle Mountain, NV 89820

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst: C.L.Ritland (NDOA)

Date of Analysis: 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Pesticide Screen

NSDA - PST - AM - 003, HPLC-DAD

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list. ug/L = Parts per billion

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Christopher J. Mason, Ph.D., Lab Supervisor

ADDRESS OF REGIONAL OFFICE

PHONE NUMBER

(775)688-1180

10/5/09

Nevada Department of Agriculture 350 Capitol Hill Avenue Reno Nevada 89502



WASHINGTON, DC 20460

REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090401A

3. REGION 09/NV 09/15/09

4. EPA REG. NO.

2. DATE COLLECTED

ENTRE PROTECTION	REPORT OF ANALYSIS	5. ESTABLISHMENT NO.
		i

6. DESCRIPTION OF SAMPLE

Domestic well water sample from 440 Ranch collected into 1L amber glass jar submitted to NDOA pesticide lab.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

8. PRODUCT NAME

Domestic Well Water

Ms. Melissa Bakker Bakker Hay Service Antelope Valley NV HC 61 Box 195 Battle Mountain, NV 89820

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst: C.L.Ritland (NDOA)

Date of Analysis: 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Pesticide Screen

NSDA - PST - AM - 003. HPLC-DAD

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list. ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

DATE

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture 350 Capitol Hill Avenue Reno Nevada 89502

PHONE NUMBER

(775)688-1180



WASHINGTON, DC 20460

REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090501A

3. REGION 09/NV 09/15/09

4. EPA REG. NO.

2. DATE COLLECTED

5. ESTABLISHMENT NO.

NAME AND	ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)	8. PRODUCT NAME
		Domestic Well Water
	Ms. Melissa Bakker	
	Bakker Hay Service Antelope Valley NV	O LOT OD CODE NUMBER
	HC 61 Box 195	9. LOT OR CODE NUMBER(s
	Battle Mountain, NV 89820	

11, RESULTS OF ANALYSIS

Analyst: C.L.Ritland (NDOA)

Date of Analysis: 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Pesticide Screen

NSDA - PST - AM - 003, HPLC-DAD

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list. ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

DATE

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture 350 Capitol Hill Avenue Reno Nevada 89502

PHONE NUMBER

(775)688-1180



WASHINGTON, DC 20460

REPORT OF ANALYSIS

١		S	٩h	ΛP	LE	N	0				
	٤	1	5	08	2	10	9	06	0.	1/	

3. REGION 09/NV

2. DATE COLLECTED 09/15/09

4. EPA REG. NO.

5. ESTABLISHMENT NO.

of SHOLE.		J. 2017 IDAIL	
6. DESCRIPTION OF SAMPLE Domestic well water sample from Demas	Ranch collected into 1L am	ber glass jar submitted to N	DOA pesticide lab.
7. NAME AND ADDRESS OF ESTABLISHMEN Ms. Melissa Bakk	er		8. PRODUCT NAME Domestic Well Water
Bakker Hay Servi HC 61 Box 195 Battle Mountain, I	ce Antelope Valley N NV 89820	IV	9. LOT OR CODE NUMBER(s)
10. NAME AND ADDRESS OF PRODUCER (f different from 7 above)(Include	zIP code)	
11. RESULTS OF ANALYSIS			
Analyst: C.L.Ritland (NDOA)		Date of Analys	sis: 9/24/2009
<u>Analyte</u>	<u>Method of</u>	<u>Analysis</u>	Found(µg/L)
Pesticide Screen	NSDA - PST - AM -	003, HPLC-DAD	ND
This sample was analyzed and ug/L = Parts per billion	I found to contain no	detectable pesticide	s. See attached analyte list.
Sec.9(a) of the Federal Insecticide, Fungicid collected in connection with the enforcement agent in charge of the establishment where the The information contained in this report should additional information regarding results of a	t of the Act, a copy of the result is sample was collected. This ald not be used in the labeling,	ilts of such analysis must be to section of the Act is quoted or advertising, or other promotio	imished promptly to the owner, operator of the reverse of this form.
NAME AND TITLE OF EPA OFFICIAL		DDRESS OF REGIONAL OFFI	CE
Christopher J. Mason, Ph.D.		Nevada Dep	artment of Agriculture pitol Hill Avenue
PHONE NUMBER DATE (775)688-1180	0/5/09	Reno	Nevada 89502



WASHINGTON, DC 20460

REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090701A

3. REGION

09/NV 5. ESTABLISHMENT NO. 09/15/09

4. EPA REG. NO.

2. DATE COLLECTED

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6.	DE	SCR	IPT K	ON	OF	SAN	APL	E

Duplicate Sample. Domestic well sample from Demas Ranch collected into 1L amber glass jar submitted to NDOA pesticide lab.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

8. PRODUCT NAME

Domestic Well Water

Ms. Melissa Bakker Bakker Hay Service Antelope Valley NV HC 61 Box 195 Battle Mountain, NV 89820

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst: C.L.Ritland (NDOA)

Date of Analysis: 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Pesticide Screen

NSDA - PST - AM - 003, HPLC-DAD

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list. ug/L = Parts per billion

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The information contained in this report should not be used in the labeling, advertising, or other promotion of the product analyzed.

Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture 350 Capitol Hill Avenue Reno Nevada 89502

PHONE NUMBER

(775)688-1180

DATE

4780 E. Idaho Street

Fax (775) 738-2639

Elko, Nevada 89801-4672

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DEPARTMENT OF AGRICULTURE

405 South 21st Street

Sparks, Nevada 89431

Telephone (775) 353-3600 • Fax (775) 353-3661

Website: http://www.agri.nv.gov

NSDA-PST-AM-003 PESTICIDES IN WATER DETECTION LIMITS

	COMPOUND		μg/L
Base/Neutrals			
	Desisopropyl Atrazine		0.1
¢	Desethyl Atrazine		0.1
	Bromacil		0.3
	Cyanazine		0.1
	Atrazine		0.1
	Methidathion		0.4
	Metolachlor		0.3
	Fenthion Plant (Adam)	·	1.0
	Disulfoton Dan dim of halin		3.0 0.5
	Pendimethalin Dimethoate		1.0
	Hexazinone		0.1
	Simazine		0.1
	Prometon		0.1
	Methyl Parathion		0.7
	Chlorpropham		0.5
	Alachlor		0.3
	Dacthal		0.2
•	Trifluralin	•	0.9
	Tebuthiuron		0.5
	Metribuzin		0.1
	Diuron		0.3
	Naled		10.0
	Pronamide		0.2
	Malathion		1.0
	Parathion		0.5
	Diazinon		1.0
	Chlorpyrifos		0.3
	Terbacil		8.0
	Azinphos-methyl		0.1
	Acetochlor		0.9
•	Cyfluthrin		0.5
	Deltamethrin		8.0
	Bifenthrin		0.8
	Norflurazon	•	0.3
	Ethoprop	•	4.0 0.3
	Propiconazole		0.8
	Triallate		0.8
	Lambda-Cyhalothrin		0.3 0.2
	Esfenvalerate		0.2 0.2
•	Oryzalin Endoculfon		2.0
	Endosulfan Cynormothrin		2.0 0.4
	Cypermethrin Permethrin		0.4
	Imidacloprid		0.5
9-09)	тниамирни		U.U

08B **-**

4780 E. Idaho Street

Fax (775) 738-2639

Elko, Nevada 89801-4672

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Website: http://www.agri.nv.gov

NSDA-PST-AM-003 PESTICIDES IN WATER DETECTION LIMITS

	COMPOUND	<u>μg/L</u>
Acids		
Acias	Clopyralid Dicamba MCPA Acid Bromoxynil Triclopyr 2,4,5-T Acid MCPB Acid Acifluorfen Picloram Bentazon 2,4-D Acid MCPP Acid 2,4-DB Acid 2,4,5-TP Acid Dinoseb Imazapyr Metsulfuron-methyl	0.2 0.3 0.1 0.1 1.0 0.3 0.4 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2
Carbamates	Aldicarb Sulfoxide Methomyl Aldicarb Carbofuran Methiocarb Oxamyl 3-Hydroxy Carbofuran Propoxur Carbaryl Aldicarb Sulfone	2.0 1.0 2.0 0.2 0.1 0.7 1.2 0.4 0.1 1.0

μg/L= parts per billion



WASHINGTON, DC 20460

REPORT OF ANALYSIS

1.	S	۱М	PLE	ΞN	O.			
09	91	50	92	10	90	10	1	

3. REGION

09/NV

2. DATE COLLECTED 09/15/09

4. EPA REG. NO.

5. ESTABLISHMENT NO.

5. DESCRIPTION OF Domestic well water	SAMPLE er sample colle	ected into 1L amber glass jar subn	nitted to Alpha Analytical,	inc.
7 NAME AND ADDR	ESS OF ESTAR	LISHMENT WHERE SAMPLE WAS (COLLECTED (Include ZIP Co	de) 8. PRODUCT NAME
HARIC ARD ADDR	COO OF EO INC	PIOTHEREN THE INC. OF MINISTER TOTAL		Domestic Well Water
1	Mr. Dennis	Jamason nason Farm - Antelope V	alley MV	
	Dennis Jar P.O. Box 8 Floriston, (5	alley IVV	9. LOT OR CODE NUMBER(s)
		<i>y</i> (00111		
10. NAME AND ADD	RESS OF PROD	OUCER (If different from 7 above)(Incl	ude ZIP code)	
1. RESULTS OF AN	ALYSIS			,
Analyst : A	Alpha Analyti	cal Inc.	Date of Ar	alysis: 9/24/2009
<u>Analyt</u>	<u>te</u>	<u>Method</u>	of Analysis	<u>Found(</u> µg/L)
Organochloi Pesticides	rine	EPA Meth	od SW8081A	ND
This sample vug/L = Parts į		ed and found to contain r	no detectable pestic	cides. See attached analyte list.
	•			
collected in connect	tion with the en	Fungicide, and Rodenticide Act, as forcement of the Act, a copy of the r t where the sample was collected. The	esults of such analysis must	equires that if an analysis is made of any samp be furnished promptly to the owner, operator ed on the reverse of this form.
		eport should not be used in the labeling		
		esults of analysis may be obtained fro		
NAME AND TITLE O			ADDRESS OF REGIONAL	
Christophe	J. Mason,	Ph.D., Lab Supervisor	Nevada	Department of Agriculture Capitol Hill Avenue
PHONE NUMBER (775)688	-1180	DATE 10/5/09	R	eno Nevada 89502



Alpha Analytical Number: NDA09091824-01A

Client I.D. Number: H2O Samp 091509-0101B

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778 (775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture

405 S. 21st Street Sparks, NV 89431

Job:

Attn:

Sharryn Cohen (775) 353-3780

Phone:

(775) 353-3636

Sampled: 09/15/09 00:00

Received: 09/18/09

Extracted: 09/24/09 Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

		Compound	Concentration	Reporting Limit
	1	alpha-BHC	ND	0.050 µg/L
	2	gamma-BHC (Lindane)	: ND	0.050 µg/L
	3	beta-BHC	· ND	0.050 µg/L
	4	delta-BHC	, MD	0.050 µg/L
	5	Heptachlor	ND	0.050 µg/L
	6	Aldrin	ND	0.050 µg/L
	7	Heptachlor epoxide	ND	0.050 µg/L
	8	Endosulfan I	ND	0.050 μg/L
	9	4,4'-DDE	ND	0.10 µg/L
	10	Dieldrin ·	ND	0.10 µg/L
	11	Endrin	ND	0.10 µg/L
	12	4,4'-DDD	ND	0.10 µg/L
	13	Endosulfan II	ND	0,10 µg/L
	14	Endrin aldehyde	ND	0.10 µg/L
	15	4,4'-DDT	ND	0.10 µg/L
•	16	Endosulfan sulfate	ND	1 0.10 μg/L
	17	Methoxychlor	ND	0.50 µg/L
	18	Endrin ketone	NĐ	0.10 µg/L
	19	Toxaphene	ND	5.0 μg/L
	20	Chiordane (Technical)	ND	1.0 µg/L.
	21	Surr: Tetrachloro-m-xylene	80	(26-130) %REC
	22	Surr: Decachiorobiphenyl	92	(31-141) %REC

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Roger Scholl

Kandystodius

Walter Striken

Roger L. Scholl, Ph.D., Laboratory Director - - Randy Gardner, Laboratory Manager - - Walter Hindaman, Quality Assurance Officer

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com
Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Assistical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

9/

10/1/09

Report Date



WASHINGTON, DC 20460

REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090201B

3. REGION 09/NV 09/15/09

4. EPA REG. NO.

2. DATE COLLECTED

5. ESTABLISHMENT NO.

6. DESCRIPTION OF SAMPLE

Domestic well water sample collected into 1L amber glass jar submitted to Alpha Analytical, Inc.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

Mr. Dennis Jamason Dennis Jamason Farm - Antelope Valley NV P.O. Box 85 Floriston, CA 96111

8. PRODUCT NAME

Domestic Well Water

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst: Alpha Analytical Inc.

Date of Analysis: 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Organochlorine **Pesticides**

EPA Method SW8081A

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list. ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

The information contained in this report should not be used in the labeling, advertising, or other promotion of the product analyzed.

Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

PHONE NUMBER

(775)688-1180

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture 350 Capitol Hill Avenue Reno Nevada 89502



Alpha Analytical Number: NDA09091824-02A

Client I.D. Number: H2O Samp 091509-0201B

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778 (775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture

405 S. 21st Street Sparks, NV 89431

Job:

Attn:

Sharryn Cohen (775) 353-3780

Phone: Fax:

(775) 353-3636

Sampled: 09/15/09 00:00

Received: 09/18/09 Extracted: 09/24/09 Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

Reporting Limit Concentration Compound 0.050 µg/L ND alpha-BHC 0.050 µg/L ND gamma-BHC (Lindane) 2 0.050 µg/L ND 3 beta-BHC 0.050 µg/L ND delta-BHC $0.050 \,\mu g/L$ Heptachlor ND 0.050 µg/L ND Aldrin $0.050 \,\mu g/L$ ND 7 Heptachlor epoxide 0.050 µg/L ND Endosulfan I 8 0.10 µg/L ND 4.4'-DDE 0.10 µg/L ND Dieldrin 10 0.10 µg/L ND Endrin ND 0.10 µg/L 4,4'-DDD 12 0.10 µg/L ND 13 Endosulfan II 0.10 µg/L Endrin aldehyde ND 14 0.10 µg/L ND 4,4'-DDT 15 0.10 µg/L ND Endosulfan sulfate 16 0.50 µg/L ND 17 Methoxychlor ND 0.10 µg/L 18 Endrin ketone 5.0 µg/L ND 19 Toxaphene 1.0 µg/L Chlordane (Technical) 20 (26-130) %REC 80 Surr: Tetrachioro-m-xylene 21 (31-141) %REC 96 Sun: Decachlorobiphenyl

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Roger Scholl

KandySoulm

Walter Findens

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com Alpha certifics that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. correctly holds appropriate and available NDEP certifications for the data reported - certification #NV16.

10/1/09

Report Date



WASHINGTON, DC 20460

REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090301B 2. DATE COLLECTED 09/15/09 3. REGION 4. EPA REG. NO. 09/NV

WALL PROTECTED	REPORT OF ANALTOIS	5. ESTABLISHMENT	NO.
DESCRIPTION C Domestic well wa	OF SAMPLE ater sample from Bakker residence collected into 1L amber ç	plass jar submitted to	Alpha Analytical, Inc.
. NAME AND ADI	DRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED	(Include ZIP Code)	8. PRODUCT NAME Domestic Well Water
	Ms. Melissa Bakker Bakker Hay Service Antelope Valley NV HC 61 Box 195 Battle Mountain, NV 89820		9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst: Alpha Analytical Inc.

Date of Analysis: 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Organochlorine Pesticides EPA Method SW8081A

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list. ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

The information contained in this report should not be used in the labeling, advertising, or other promotion of the product analyzed.

Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture 350 Capitol Hill Avenue Reno Nevada 89502

PHONE NUMBER

(775)688-1180

10/5/09



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778 (775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture

Sparks, NV 89431

Job:

405 S. 21st Street

Alpha Analytical Number: NDA09091824-03A Client I.D. Number: H2O Samp 091509-0301B

Sharryn Cohen Attn:

Phone: (775) 353-3780

(775) 353-3636 Fax:

Sampled: 09/15/09 00:00

Received: 09/18/09 Extracted: 09/24/09 Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

	Compound	Concentration	Reporting Limit	
1	alpha-BHC	ND	0.050 µg/L	
2	gamma-BHC (Lindane)	ND	0.050 μg/L	
3	beta-BHC	ND	0.050 µg/L	
4	delta-BHC	ND	0.050 µg/L	
5	Heptachlor	ND	0.050 μg/L	
6	Aldrin	ND	0.050 µg/L	
7	Heptachlor epoxide	ND	0.050 µg/L	
8	Endosulfan I	ND	0.050 µg/L	
9	4,4~-DDE	ND	0.10 μg/L	
10	Dieldrin	ND	0.10 µg/L	
11	Endrin	ND	0.10 μg/L	
12	4,4'-DDD	ND	0.10 μg/L	
13	Endosulfan II	ND	0.10 μg/L	
14	Endrin aldehyde	ND	0.10 µg/L	
15	4,4'-DDT	ND	0.10 μg/L	
16	Endosulfan sulfate	ND	0.10 µg/L	
17	Methoxychlor	ND	0.50 μg/L	
18	Endrin ketone	, ND	0.10 μg/L	
19	Toxaphene	ND	5.0 μg/L	
20	Chlordane (Technical)	; ND	1.0 µg/L	
21	Surr: Tetrachloro-m-xylene	82	(26-130) %REC	
22	Surr: Decachlorobiphenyl	98	(31-141) %REC	

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@ialpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

10/1/09

Report Date



WASHINGTON, DC 20460

REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090401B 2. DATE COLLECTED 09/15/09 3. REGION 4. EPA REG. NO.

5. ESTABLISHMENT NO.

6. DESCRIPTION OF SAMPLE			
O. DECORUI TION OF STUDIE			A 1 - L - A L - L 1
Demostic well water comple from	440 Ranch collected into	1) amhar alass iar si ihmilled to	Alona Abalviicai, inc.

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

8. PRODUCT NAME

Domestic Well Water

Ms. Melissa Bakker Bakker Hay Service Antelope Valley NV HC 61 Box 195 Battle Mountain, NV 89820

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst: Alpha Analytical Inc.

Date of Analysis: 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Organochlorine Pesticides EPA Method SW8081A

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list. ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

The information contained in this report should not be used in the labeling, advertising, or other promotion of the product analyzed.

Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture 350 Capitol Hill Avenue Reno Nevada 89502

PHONE NUMBER

(775)688-1180

DATE 10/5/69



Alpha Analytical Number: NDA09091824-04A

Client I.D. Number: H2O Samp 091509-0401B

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778 (775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture

405 S. 21st Street Sparks, NV 89431

Job:

Attn: Phone:

Sharryn Cohen (775) 353-3780

Fax:

(775) 353-3636

•

Sampled: 09/15/09 00:00 Received: 09/18/09

Extracted: 09/24/09 Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

	Compound	Concentration	Reporting Limit	
 1	alpha-BHC	ND	0.050 µg/L	
2	gamma-BHC (Lindane)	ND	0.050 µg/L	•
3	beta-BHC	ND	0.050 µg/L	
4	delta-BHC	ND	į 0.050 µg/L	
5	Heptachlor	ND	0.050 µg/L	
6	Aldrin	ND	0.050 µg/L	
7	Heptachlor epoxide	ND	0.050 μg/L	
8	Endosulfan I	ND	0.050 µg/L	
9	4,4'-DDE	ND	0.10 µg/L	
10	Dieldrin	; ND	0.10 µg/L	
11	Endrin	: ND	0.10 μg/ί.	
12	4,4'-DDD	ND	0.10 μg/L	
13	Endosulfan II	, ND	0.10 μg/L	
14	Endrin aldehyde	. ND	0.10 μg/L	
15	4,4'-DDT	ND	0.10 µg/L	
16	Endosulfan sulfate	ND	0.10 μg/L	
17	Methoxychior	ND .	0.50 μg/L	
18	Endrin ketone	ND	0.10 µg/L	
19	Toxaphene	. ND	5.0 µg/L	
20	Chlordane (Technical)	, ND	1.0 µg/L	
21	Surr: Tetrachloro-m-xylene	82	(26-130) %REC	
22	Surr: Decachlorobiphenyl	: 98	(31-141) %REC	
			•	

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Roger Scholl

KandySodin

Dalter Findence Origina Assurance Office

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gerdner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, loc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

7. 10/1/09

Report Date



WASHINGTON, DC 20460

REPORT OF ANALYSIS

1. SAMPLE NO.	2. DATE COLLECTED
09150921090501B	09/15/09
3. REGION 09/NV	4. EPA REG. NO.

ENTAL PROTECTS		REPORT OF ANALISIS	5. ESTABLISHM	ENT NO.		
6. DESCRIPTION O Domestic well w	OF SAMPLE ater sample fron	Section 8 Ranch collected into 1	amber glass jar submitted	i to Alpha Analytical, Inc.		
7. NAME AND AD	DRESS OF ESTA	BLISHMENT WHERE SAMPLE WAS C	OLLECTED (Include ZIP Code	8. PRODUCT NAME Domestic Well Water		
Ms. Melissa Bakker Bakker Hay Service A			NV			
	HC 61 Box			9. LOT OR CODE NUMBER(s)		
10. NAME AND A	DRESS OF PRO	DUCER (If different from 7 above)(Incli	ude ZIP code)			
11. RESULTS OF A	ANALYSIS		· · · · · · · · · · · · · · · · · · ·			
Analyst :	: Alpha Analyti	cal Inc.	Date of Ana	lysis: 9/24/2009		
<u>Anal</u>	<u>yte</u>	<u>Method c</u>	of Analysis	Found(µg/L)		
Organochi Pesticides		EPA Meth	od SW8081A	ND		
This sample was analyzed and found to contain no detectable pesticides. See attached analyte list. ug/L = Parts per billion Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form. The information contained in this report should not be used in the labeling, advertising, or other promotion of the product analyzed. Additional information regarding results of analysis may be obtained from the individual listed below.						
· · · · · · · · · · · · · · · · · · ·	E OF EPA OFFICI		ADDRESS OF REGIONAL O	FFICE		
		, Ph.D., Lab Supervisor	350	epartment of Agriculture Capitol Hill Avenue		
PHONE NUMBER DATE (775)688-1180 (6/5/09			Reno Nevada 89502			



Alpha Analytical Number: NDA09091824-05A

Client I.D. Number: H2O Samp 091509-0501B

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778 (775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture

405 S. 21st Street Sparks, NV 89431

Job:

Attn:

Sharryn Cohen (775) 353-3780

Phone: (775) Fax: (775)

(775) 353-3636

Sampled: 09/15/09 00:00

Received: 09/18/09 Extracted: 09/24/09 Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

	Compound	Concentration	Reporting Limit	
1	alpha-BHC	ND	0.050 μg/L	
2	gamma-BHC (Lindane)	ND	0.050 μg/L	
3	beta-BHC	: ND	0.050 µg/L	
4	delta-BHC	! ND	0.050 µg/L	
5	Heptachlor	ND	0.050 μg/L	
6	Aldrin	ND	0.050 µg/L	
7	Heptachlor epoxide	ND	0.050 μg/L	
8	Endosulfan I	ND	0.050 µg/L	
9	4,4'-DDE	ND	0.10 µg/L	
10	Dieldrin	ND	0.10 µg/L	
11	Endrin	ND	0.10 μg/L	
12	4,4*-DDD	ND	0.10 µg/L	
13	Endosulfan II	ND	0.10 µg/L	
14	Endrin aldehyde	ND	0.10 μg/L	
15	4,4'-DDT	ND	0.10 μg/L	
16	Endosulfan sulfate	ND	0.10 µg/L	
17	Methoxychlor	ND	0.50 µg/L	
18	Endrin ketone	ND	0.10 μg/L	
19	Toxaphene .	ND	5.0 μg/L	
20	•	ND	1.0 µg/L	
21	Surr: Tetrachloro-m-xylene	80	(26-130) %REC	
.22	•	96	(31-141) %REC	

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Roger Scholl

Kandyelbodom

Walter Firehow

toger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • • Walter Hischman, Quality Assurance Officer

Secremento, CA * (916) 366-9089 / Les Vogas, NV * (702) 736-7522 / info@alphe-enalytical.com.

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

10/1/09

Report Date
Page 1 of 1



WASHINGTON, DC 20460

REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090601B

3. REGION 09/NV

5. ESTABLISHMENT NO.

09/15/09

2. DATE COLLECTED

4. EPA REG. NO.

6. DESCRIPTION OF SAMPLE			
6 DESCRIPTION OF SAMPLE			
C. DECOMM HOM OF CHAMELE			
	41 ambas alaaa is	er cultimitted to Alinha (anakakan inc
- Domostic well water cample from Hemas Kanco collected lolb	ii annoei uiassia	SI BUDINILICU IV MIDNA A	manuca, mo.
Domestic well water sample from Demas Ranch collected into			

7. NAME AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Code)

8. PRODUCT NAME

Domestic Well Water

Ms. Melissa Bakker Bakker Hay Service Antelope Valley NV HC 61 Box 195 Battle Mountain, NV 89820

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst: Alpha Analytical Inc.

Date of Analysis: 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Organochlorine Pesticides

EPA Method SW8081A

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list. ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor DATE

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture 350 Capitol Hill Avenue Reno Nevada 89502

PHONE NUMBER

(775)688-1180



Alpha Analytical Number: NDA09091824-06A

Client I.D. Number: H2O Samp 091509-0601B

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778 (775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture

405 S. 21st Street Sparks, NV 89431

Job:

Attn:

Sharryn Cohen (775) 353-3780

Phone:

(775) 353-3636

Sampled: 09/15/09 00:00

Received: 09/18/09

Extracted: 09/24/09 Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

	Compound	Concentration	Reporting Limit	
1	alpha-BHC	ND	0.050 µg/L	
2	gamma-BHC (Lindane)	ND	0.050 µg/L	
3	beta-BHC	ND	0.050 µg/L	
4	delta-BHC	ND	0.050 µg/L	
5	Heptachlor	ND	0.050 µg/L	
6	Aldrin	ND	0.050 μg/L	
7	Heptachlor epoxide	ND	0.050 μg/L	
8	Endosulfan I	ND	0.050 μg/L	
9	4,4'-DDE	ND	0.10 μg/L	
10	Dieldrin	ND	0.10 µg/L	
11	Endrin	ND	0.10 μg/L.	
12	4.4'-DDD	ND	0.10 µg/L	
13	Endosulfan II	ND	0.10 µg/L	
14	Endrin aldehyde	ND	0.10 µg/L	
15	4.4'-DDT	ND	0.10 µg/L	
16	Endosulfan sulfate	ND	0.10 µg/L	•
17	Methoxychlor	ND	0.50 μg/L	
18	Endrin ketone	ND	0.10 μg/L.	
19	Toxaphene	ND	5.0 µg/L	
20	Chlordane (Technical)	ND	1.0 µg/L	
21	Surr: Tetrachloro-m-xylene	86	(26-130) %REC	
22	Surr: Decachlorobiphenyl	98	(31-141) %REC	

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of \leq 15%.

ND = Not Detected

Roger Scholl

KanolySoulun

Walter Findens

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Luboratory Manager • • Walter Hinchman, Quality Assurance Officer

Sacramento, CA * (916) 366-9089 / Las Vegas, NV * (702) 736-7522 / info@alphe-analytical.com
Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

9\$

10/1/09

Report Date



WASHINGTON, DC 20460

REPORT OF ANALYSIS

1. SAMPLE NO. 09150921090701B

3. REGION 09/NV 2. DATE COLLECTED 09/15/09

4. EPA REG. NO.

5. ESTABLISHMENT NO.

DESCRIPTION OF SAMPLE Duplicate Sample. Domestic well sample from Demas Ranch collected into 1L amber glass j	ar submitted to Alpha Analytical, Inc.
7 MANE AND ADDRESS OF ESTABLISHMENT WHERE SAMPLE WAS COLLECTED (Include ZIP Coc	(e) 8. PRODUCT NAME

Ms. Melissa Bakker Bakker Hay Service Antelope Valley NV HC 61 Box 195 Battle Mountain, NV 89820 Domestic Well Water

9. LOT OR CODE NUMBER(s)

10. NAME AND ADDRESS OF PRODUCER (If different from 7 above)(Include ZIP code)

11. RESULTS OF ANALYSIS

Analyst: Alpha Analytical Inc.

Date of Analysis: 9/24/2009

Analyte

Method of Analysis

Found(µg/L)

Organochlorine Pesticides EPA Method SW8081A

ND

This sample was analyzed and found to contain no detectable pesticides. See attached analyte list. ug/L = Parts per billion

Sec.9(a) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended (7 U.S.C. 136g) requires that if an analysis is made of any sample collected in connection with the enforcement of the Act, a copy of the results of such analysis must be furnished promptly to the owner, operator or agent in charge of the establishment where the sample was collected. This section of the Act is quoted on the reverse of this form.

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Additional information regarding results of analysis may be obtained from the individual listed below.

NAME AND TITLE OF EPA OFFICIAL

Christopher J. Mason, Ph.D., Lab Supervisor

DATE

ADDRESS OF REGIONAL OFFICE

Nevada Department of Agriculture 350 Capitol Hill Avenue Reno Nevada 89502

PHONE NUMBER

(775)688-1180

10/1/09



Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778 (775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Nevada State Dept. of Agriculture

405 S. 21st Street Sparks, NV 89431

Job:

Attn:

Sharryn Cohen

Phone: (775) 353-3780 Fax:

(775) 353-3636

Alpha Analytical Number: NDA09091824-07A

Client I.D. Number: H2O Samp 091509-0701B

Sampled: 09/15/09 00:00

Received: 09/18/09 Extracted: 09/24/09 Analyzed: 09/24/09

Organochlorine Pesticides EPA Method SW8081A

	Compound	Concentration	Reporting Limit
1	alpha-BHC	ND	0.050 μg/L
2	gamma-BHC (Lindane)	ND	0.050 µg/L
3	beta-BHC	ND	0.050 µg/L
4	delta-BHC	ND	0.050 µg/L
. 5	Heptachlor	ND	0.050 µg/L
6	Aldrin	DI	0.050 μg/L
7	Heptachlor epoxide	ND	0.050 μg/L
8	Endosulfan I	ND	0.050 µg/L
9	4,4'-DDE	ND	0.10 µg/L
10	Dieldrin	ND	0.10 µg/L
11	Endrin .	ND	0.10 µg/L
12	4,4'-DDD	ND	0.10 µg/L
13	Endosulfan II	ND	0.10 µg/L
14	Endrin aldehyde	ND	0.10 µg/L
15	4,4'-DDT	ND	0.10 μg/L
16	Endosulfan sulfate	ND	0.10 μg/L
17	Methoxychior	ND	0.50 μg/L
18	Endrin ketone	ND	0.10 μg/L
19	Toxaphene	ND	5.0 µg/L
20	Chlordane (Technical)	ND	1.0 µg/L
21	Surr: Tetrachloro-m-xylene	90	(26-130) %REC
22	Surr: Decachlorobiphenyl	102	(31-141) %REC

Sample data was verified by second column confirmation.

Note: Endrin breakdown was 20.6% with a method criteria of ≤ 15%.

ND = Not Detected

Roger Scholl

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

10/1/09

Report Date

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9/15/2009	9/15/2009	9/15/2009	9/15/2009	6002/61/6	9/15/2009	0/15/2000	9/15/2009	9/15/2009	9/15/2009	9/15/2009	0,1000	9/15/2009	9/15/2009			9/15/2009	9/15/2009		Date		
9/15/2009 9150921090701B	9150921090701A	9150921090601B	9150921090601A	9100801280018	01500010905018	9150921090501A	9150921090401B	9150921090401A	9150921090301B	9150921090301A		9150921090201B	9150921090201A			9150921090101B	9150921090101A		Sample Number		
Demas Domestic (duplicate)	Demas Domestic (duplicate)	Demas Domestic	Demas Domestic	Odcuoli o Hailoii Doilleano	Section 8 Banch Domestic	Section 8 Ranch Domestic	440 Ranch Domestic	440 Ranch Domestic	Bakker Domestic	Bakker Domestic	X	Jamason Ag. Well	Jamason Ag. Well			Jamason Domestic	Jamason Domestic		Site		
5	5	5	5		Ā	5	⋝	5	5	5		5	5	_	*****	5	5	>	County		
			40.03991			40.05226		40.04663		39.98286			40.01207				40.01204	10 01024	Lat	•	
i			-117.26243			-117.28278		-117.35892		-117.40315			-117.40899		•		-11.00000	_117.39838	Long	•	
	CACO duplicate sailibro	OA/OC displicate sample	water collected 100' SW of well	Carbaryl stored in well house; advised against that;		Water sample collected 15'S. of Wellnead		Water sample collected % Time Form well load	to the sellected 1/2 mile from wellhoad	alfalfa include hexazinone; water collected directly Irolli we	Alfalfa field 15' to West; pesticides applied to		water sample collected directly from Well	pivot; none being applied during inspection;	currently in alfalfa; pesticides injected through	An well located at the edge of 120 acre field	Carried I was a series of the	water sample collected directly from won course in	Water person collected directly from well located in		

Scientist II, Nevada Department of Agriculture on September 15, 2009. The valley is a historical agricultural production region located in Lander County Antelope Valley sampling was done at the request of two citizens Jamason and Bakker. All samples were collected by Jon Carpenter, Environmental Nevada. The predominant crop is alfalfa grown for hay however other crops no longer produced include potatoes and routine pest management procedure include the application of pesticides.